

WHAT IS CLAIMED IS:

1. An image processor comprising:

a model designation controller for designating a model type of a portable terminal to which an image is to be displayed,

a screen format controller for determining at least one screen format among a plurality of screen formats of the designated model, data capacity and data format of the image,

a image adjuster for adjusting the image, and

a transmitter for transmitting the adjusted image to a server to which the portable terminal of a receiving party has access.

2. The image processor according to Claim 1 further comprising:

a virtual portable terminal display for displaying a virtual portable terminal, and

a screen display for displaying a screen of the virtual portable terminal in accordance with the screen format determined by the screen format controller,

wherein in the image adjuster the image is adjusted in accordance with the screen of the virtual portable terminal.

3. An image processor comprising:

a model designation controller for designating a model type of a portable terminal of a receiving party to which an image is to be displayed,

a virtual portable terminal display for displaying a virtual portable terminal of the model designated by the model designation controller,

an image adjuster for adjusting the image on the screen of the virtual portable terminal, and

a transmitter for transmitting the adjusted image to a server to which the portable terminal of the receiving party has access.

4. The image processor according to Claim 2 wherein the portable terminal of the receiving party is a portable phone and the virtual portable terminal is a representation of a portable phone.

5. An image processor comprising:

an image formatting controller for formatting an image in accordance with a format of a screen display of a portable terminal to fit in the screen display of the portable terminal.

an image storage device for storing the image as a file designated by a Uniform Resource Locator(URL), and

a transmitter for transmitting the file to the portable terminal.

6. An image processor comprising:

a file formatting controller formatting a file designated by a Uniform Resource Locator(URL), wherein the file includes an image and information capable of magnifying or reducing the image so as to fit in a screen display of a portable terminal to which the image is transmitted.

a transmitter for transmitting the file to the portable terminal.

7. The image processor according to Claim 5, wherein the

transmitter transmits the URL to a subscriber that created the image as well as transmitting the URL to an email address specified by the subscriber.

8. The image processor according to Claim 1, further comprising a storage device for storing the image transmitted to the portable terminal of the receiving party.

9. A image processing method comprising the steps of:

- a model designation step for designating a model type of a portable terminal of a receiving party to which an image is to be transmitted,

- a screen format determination step for determining at least a screen format among a plurality of screen formats for the designated model, data capacity, and data format of the image,

- an image adjusting step for adjusting the image, and

- a transmitting step for transmitting the adjusted image to a server to which the portable terminal of the receiver has access.

10. The image processing method according to Claim 9 further comprising the steps of:

- a virtual portable terminal display step for displaying a virtual portable terminal, and

- a screen display step for displaying the screen format of the virtual portable terminal in accordance with the screen format determined by the screen format determination step,

- wherein in the image adjusting step the transmitted image is adjusted in accordance with the screen format of the

virtual portable terminal.

11. An image processing method comprising the step of:

a model designation step for designating a model type of a portable terminal of a receiving party to which an image is to be transmitted,

a virtual portable terminal display step for displaying a virtual portable terminal of the designated model,

an image adjusting step for adjusting the image on the screen of the virtual portable terminal, and

a transmitting step for transmitting the adjusted image to a server to which the portable terminal of the receiving party has access.

12. The image processing method according to claim 11 further comprising the step of storing the transmitted image.

13. An image processing method comprising the steps of:

an image formatting step for formatting an image in accordance with a format of a screen display of a portable terminal to which the image is to be transmitted,

an image storing step for storing the image as a file designated by a Uniform Resource Locator(URL), and

a transmitting step of transmitting the file to the portable terminal.

14. An image processing method comprising the steps of:

a file forming step for inputting information capable of magnifying or reducing an image so as to fit in a screen display of a portable terminal to which the image is to be transmitted along with a file designated by a URL, and

a transmitting step for transmitting the file to the portable terminal.

15. The image processing method according to Claim 13 wherein in the transmitting step the URL is transmitted to a subscriber who created the image and to an address specified by the subscriber.
16. The image processing method according to Claim 9 further comprising a storage step for storing the transmitted image.
17. An information recording medium having a stored program comprising the steps of:

a model designation step for designating a model type of a portable terminal of a receiving party to which an image is to be transmitted,

a screen format determination step for determining at least one screen format among a plurality of screen formats for the designated model, data capacity, and data format of image,

an image adjusting step for adjusting the image, and

a transmitting step for transmitting the adjusted image to a server to which the portable terminal of the receiving party has access.

18. The information recording medium according to Claim 17 further including the steps of:

a virtual portable terminal display step for displaying a virtual portable terminal, and

a screen display step of displaying the virtual portable terminal in accordance with the screen format determined by

the screen format determination step,

wherein in the image adjusting step, the image is adjusted in accordance with the screen format of the virtual portable terminal.

- 19 An information recording medium having a stored program comprising the steps of:

a model designation step for designating a model type of a portable terminal of a receiving party to which an image is to be transmitted,

a virtual portable terminal display step for displaying a virtual portable terminal of the designated model,

an image adjusting step for adjusting the image on the screen format of the virtual portable terminal, and

a transmitting step of transmitting the adjusted image to a server to which the portable terminal of the receiving party has access.

- 20 The information recording medium according to Claim 19 further comprising the step of storing the transmitted image.

- 21 An information recording medium having a stored program comprising the steps of:

an image forming step of forming an image in accordance with a format of a screen display of a portable terminal to which the image is to be transmitted,

an image storing step of storing the image as a file designated by a URL, and

a transmitting step of transmitting the file to the portable terminal.

- 22 An information recording medium having a stored program comprising the steps of:
- a file forming step for inputting information capable of magnifying or reducing an image so as to fit in a screen display of a portable terminal to which the image is to be transmitted along with a file designated by a Uniform Resource Locator(URL), and
  - a transmitting step of transmitting the file to the portable terminal.
- 23 The information recording medium according to Claim 21 wherein in the transmitting step the URL is transmitted to a subscriber who created the image and to an address specified by the subscriber.
- 24 The information recording medium according to Claim 17, further including a storage step of storing the image.
- 25 An image processing system comprising:
- an image processor transmitting an image and transmitter information,
  - a portable terminal receiving the image through the Internet, and
  - a server having an address forming controller for appending the transmitter information and forming an address locating a storage location of the image, an address transmitter for transmitting the address to the portable phone and an image transmitter for transmitting the image to the storage location,
- wherein the portable terminal accesses the transmitted

address and downloads the image at the transmitted address to be a standby screen of the portable phone.

26 An information processing system comprising:

an image processor comprising:

a receiver for receiving transmitter information,

an address forming controller for appending the transmitter information and forming an address locating a storage location of an image, and

an image processor transmitter for transmitting the image and the address, and

a server for receiving the transmitted image and address, wherein said server has an address transmitter for transmitting the address to the portable terminal, and a storage for storing the transmitted image,

wherein the portable terminal accesses the transmitted address and downloads the image corresponding to the transmitted address from the address transmitter to be a standby screen of the portable terminal.

27 An image processing system comprising:

a receiver for receiving transmitter information,

an address forming controller for appending the transmitter information and forming an address locating a storage location of the image,

an image transmitter for transmitting the image and the address, and

an address transmitter for transmitting the address to the portable terminal;



wherein the transmitter information is selected from the group consisting of an ID and password for identifying a transmitter.

28 An image processor comprising:

a receiver for receiving processing directions of an image from a portable terminal of a receiving party to which the image is to be transmitted,

an image processor controller for processing the image based on the processing directions, and

an image transmitter for transmitting the processed image which has been processed by the image processor controller to the portable terminal of the receiving party.

29 The image processor according to Claim 28 further comprising:

a first storage device for storing the image, and

a second storage device for storing the processed image, wherein the image processor controller reads in the image from the first image storage device processes it, and stores it in the second storage device.

30 The image processor according to Claim 28 wherein the image processing controller carries out a color variation process to change colors of the image and an addition process to add data selected from the group consisting of characters, symbols and devices to the image.

31 An image processor comprising:

a data selector for selecting data from the group consisting of arbitrary characters, symbols and devices each for a plurality of portable terminals,

an image processor controller for processing images in which the data is added to the images, and

an image transmitter for transmitting a processed image to each of the plurality of the portable terminals, according to the added data.

- 32 An image processing method comprising the steps of:

receiving processing directions for an image from a portable terminal of a receiving party to which the image is to be transmitted,

an image processing step for processing the image based on the processing directions, and

an image transmitting step of transmitting the processed image processed in the image processing step to the portable terminal of the receiving party.

- 33 The image processing method according to Claim 32 further comprising a first storing step for storing the image a second storing step for storing the image after being processed by the image processing step.

- 34 The image processing method according to Claim 32 wherein in the image processing step a color variation process to change colors of the image and an addition process to add data selected from the group consisting of characters, symbols and devices to the image is carried out.

- 35 An image processing method comprising the steps of:

a data selection step of selecting data from the group consisting of arbitrary characters, symbols and devices for each of a plurality of portable terminals,

an image processing step of forming processed images in which the data is added to the images, and

an image transmitting step of transmitting a processed image to each of the plurality of the portable terminals, according to the added data.

36 An image processing system comprising:

a portable terminal of a receiving party to which an image is to be transmitted,

a server in communication with the portable terminal of the receiving party through communication channels and capable of transmitting the image,

wherein the server processes the image upon receipt of the processing directions of the image from the portable terminal of the receiving party and transmits the processed image to the portable terminal of the receiving party.

37 The image processing system according to Claim 36 wherein the server reads and processes the image, stores a copy of the processed image, and transmits the processed image to the portable terminal of the receiving party.

38 The image processing system according to Claim 36 wherein the server carries out a color variation process to change colors of the image and an addition process to add data selected from the group consisting of characters, symbols and devices to the image.

39 An image processing system comprising:

a plurality of portable terminals for a plurality of receiving parties to which an image is to be transmitted,

a server in communication with the plurality of portable terminals through a communication terminal and capable of transmitting the image upon receipt of directions from the plurality of the portable terminal,

wherein the server selects additional data selected from the group consisting of arbitrary characters, symbols and devices for each of the plurality of the portable terminals and forms processed images in which the additional data is added to the image, and transmits the processed image to each of the plurality of the portable terminals according to the additional data.

- 40 An information recording medium having a stored program comprising the steps of:

receiving processing directions for an image from a portable terminal of a receiving party to which the image is transmitted,

an image processing step for processing the image based on the processing directions, and

an image transmitting step of transmitting the processed image which has been processed in the image processing step to the portable terminal of the receiving party.

- 41 The information recording medium according to Claim 40 further comprising the steps of:

an image storing process step for storing the image, wherein in the image processing step the image is read and subjected to processing and in the image storing step the processed image is stored at a storage location.

42 The information recording medium according to Claim 40 wherein in the image processing step a color variation process to change colors of the image and an addition process to add data selected from the group consisting of characters, symbols and devices to the image is carried out.

43 An information recording medium having a stored program comprising the steps of:

a data selection step for selecting data selected from the group consisting of arbitrary characters, symbols and devices each for a plurality of portable terminals,

an image processing step for forming processed images in which the data is added to each of the images, and

an image transmitting step of transmitting a processed image to each of the plurality of portable terminals according to the added data.

44 An image processor comprising:

a model designation mean for designating a model type of a portable terminal to which an image is to be displayed,

a screen format mean for determining at least one screen format among a plurality of screen formats of the designated model, data capacity and data format of the image,

a image adjusting means for adjusting the image, and

a transmitting means for transmitting the adjusted image to a server to which the portable terminal of a receiving party has access.

45 The image processor according to Claim 44 further comprising:

a virtual portable terminal display means for displaying

a virtual portable terminal, and

a screen display means for displaying a screen of the virtual portable terminal in accordance with the screen format determined by the screen format means,

wherein in the image adjusting means the image is adjusted in accordance with the screen of the virtual portable terminal.

TO THE EXAMINER